

WHAT IS CLAIMED IS:

1. A method of communicating over-the-counter medicine instructions
5 to a plurality of patients utilizing the same medicine and dosage, which
comprises:

(a.) providing a plurality of medicine containers, each of said
plurality of medicine containers including a storage area for medicine,
and a microprocessor attached to each medicine container, said
10 microprocessor including:

(a)(i) a wave file receiving chip;

(a)(ii) a wave file storage means;

(a)(iii) a wave file audio playback means;

(a)(iv) an audio playback start means; and

15 (a)(v) a power supply within said microprocessor adapted
to power components of said microprocessor;

(b.) providing a central processor separate from said medicine
container, said central processor including:

(b)(i) user input means;

20 (b)(ii) text-to-speech means;

(b)(iii) wave file means to create a wave file from said
text-to-speech means; and

(b)(iv) wireless transmission means to wirelessly transmit said wave file from said central processor to said microprocessor wave file receiving chip;

5 (c.) inputting said user input means to create OTC medicine instruction text;

(d.) converting said text to electronic speech;

(e.) creating a wave file with said electronic speech;

(f.) transmitting said wave file to said plurality of medicine container microprocessors wave file receiving chips;

10 (g.) storing said wave file in said microprocessors for subsequent playback by users by activating said audio playback starting means; and,

(h.) providing a plurality of medicine units to said storage area of each of said plurality of medicine containers, said plurality of medicine units being the same medicine and having the same dosage for each of said plurality of medicine containers.

15 2. The method of claim 1 wherein said central processor is a computer system and said user input means is a conventional computer user input means selected from keyboard, mouse, ball and touch pad.

20 3. The method of claim 1 further comprising:

(i.) creating a unique identifier in said central processor;

(j.) wirelessly transmitting said unique identifier to said microprocessor; and

(k.) providing accessing means for accessing said unique identifier from said microprocessor.

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4. The method of claim 1 wherein each said microprocessor is attached to at least one of a bottom, a top, a side of each said medicine container and a cap is provided for each said container.

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5. The method of claim 1 wherein said user-input means is a microphone and said central processor includes conversion means for converting speech to electronic input.

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6. The method of claim 1 wherein said central processor further includes: (a)(vi) a preset data collection of OTC medicine instructions, including for different medications and different dosages, and sufficient software to permit a user to select appropriate OTC medicine instructions corresponding to a specific medication and dosage combination for a specific plurality of over-the-counter medicine containers having the same medicine units and the same dosage.

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7. A method of communicating over-the-counter medicine instructions to a plurality of patients, which comprises:

(a.) providing a plurality of medicine containers, each of said plurality of medicine containers including a storage area for medicine, and a microprocessor attached to each medicine container, said processor including:

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(a)(i) a wave file receiving chip;

(a)(ii) a wave file storage means;

(a)(iii) a wave file audio playback means;

(a)(iv) an audio playback start means; and

(a)(v) a power supply within said microprocessor

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adapted to power components of said microprocessor;

(b.) providing a central processor separate from said medicine container, and said central processor including:

(b)(i) user input means for inputting electronic over-the-counter medicine instruction input;

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(b)(ii) wave file means to create a wave file from said electronic OTC medicine input from said input means; and

(b)(iii) wireless transmission means to wirelessly transmit said wave file from said central processor to said microprocessor wave file receiving chip;

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(c.) inputting OTC medicine instructions with said user input means to create electronic input;

(d.) creating a wave file with said electronic input;

(e.) transmitting said wave file to said plurality of medicine container microprocessor wave file receiving chips;

(f.) storing said transmitted wave file wireless transmission for subsequent audio playback by users by activating said audio playback starting means; and

(g.) providing a plurality of medicine units to said storage area of each of said plurality of medicine containers, said plurality of medicine units being the same medicine and having the same dosage for each of said plurality of medicine containers.

8. The method of claim 7 wherein said central processor is a computer system and said user input means is a conventional computer user input means selected from the group consisting of keyboard, mouse, ball and touch pad.

9. The method of claim 7 further comprising:

(h.) creating a unique identifier in said central processor;

(i.) wirelessly transmitting said unique identifier to said microprocessor; and

(j.) providing processing means for accessing said unique identifier from said microprocessor.

10. The method of claim 7 wherein each said microprocessor is attached to at least one of a bottom, a top, a side of each said medicine container.

11. The method of claim 7 wherein said user input means is a microphone and said central processor includes conversion means for converting speech to electronic input.

12. The method of claim 7 wherein said central processor further includes: (a)(vi) a preset data collection of OTC medicine instructions, including for different medications and different dosages, and sufficient software to permit a user to select appropriate OTC medicine instructions corresponding to a specific medication and dosage combination for a specific plurality of over-the-counter medicine containers having the same medicine units and the same dosage.

13. A system for communicating over-the-counter medicine instructions to patients by wireless communication from a central processor to a plurality of over-the-counter medicine containers for subsequent audio speech playback from said medicine containers to patients, which comprises:

(a.) a plurality of over-the-counter medicine containers, said medicine containers including a storage area for medicine, and a

microprocessor attached to each said medicine container, said
microprocessor including:

(a)(i) a wave file receiving chip;

(a)(ii) a wave file storage means;

5 (a)(iii) a wave file audio playback means;

(a)(iv) an audio playback start means; and

(a)(v) a power supply within said microprocessor, and
adapted to power components of said microprocessor;

10 (b.) a central processor separate from said plurality of over-the-
counter medicine containers, said central processor including:

(b)(i) user input means;

(b)(ii) text-to-speech means;

(b)(iii) wave file means to create a wave file from said
text-to-speech means; and

15 (b)(iv) wireless transmission means to wirelessly transmit
said wave file from said central processor to said microprocessor wave
file receiving chip;

(c.) a plurality of medicine units in each said medicine storage
area of said plurality of medicine containers, said plurality of medicine
20 units being the same medicine and having the same dosage for each of
said plurality of medicine containers.

14. The system of claim 13 wherein said central processor is a computer system and said user input means is a conventional computer user input means selected from keyboard, mouse, ball and touch pad.

5 15. The system of claim 13 further comprising:

(d.) means for creating a unique identifier in said central processor for each of said plurality of medicine containers;

(e.) means for wirelessly transmitting said unique identifier to each said microprocessor; and

10 (f.) accessing means for accessing each said unique identifier from each said microprocessor.

15 16. The system of claim 13 wherein each said microprocessor is attached to at least one of a bottom, a top, a side of each said medicine container.

17. The system of claim 13 wherein said user input means is a microphone and said central processor included conversion means for converting speech to electronic input.

20 18. The system of claim 13 wherein each said medicine container microprocessor includes a first microprocessor capability and a second microprocessor capability, and said first microprocessor capability is

adapted to receive medicine use instructions and said second
microprocessor capability is adapted to receive medicine product
warning information; and

5 further wherein there are two audio playback start means, a first for
said first microprocessor capability, and a second for said second
microprocessor capability.

10 19. The system of claim 13 wherein each said medicine container
includes a cap, and a container cap connection area, and said container
cap connection area includes a cap-opening audio playback start means
connected to said microprocessor, such that when a cap is opened for a
first time, wave file audio playback is initiated.

15 20. A system for communicating over-the-counter medicine instructions
to a patient by wireless communication from a central processor to
medicine containers for subsequence audio speech playback from said
medicine containers to patients, which comprises:

20 (a.) a plurality of over-the-counter medicine containers including
a storage area for medicine, and a microprocessor attached to each said
medicine container, said processor including:

(a)(i) a wave file receiving chip;

(a)(ii) a wave file storage means;

(a)(iii) a wave file audio playback means;

(a)(iv) an audio playback start means; and

(a)(v) a power supply within said microprocessor, and
adapted to power components of said microprocessor;

5 (b.) a central processor separate from said plurality of over-the-
counter medicine containers, and said central processor including:

(b)(i) user input means for inputting electronic medicine
instruction input;

(b)(ii) wave file means to create a wave file from said
electronic medicine input from said input means; and

10 (b)(iii) wireless transmission means to wirelessly transmit
said wave file from said central processor to said microprocessor wave
file receiving chip.

(c.) a plurality of medicine units in each said medicine storage
area of said plurality of medicine containers, said plurality of medicine
15 units being the same medicine and having the same dosage for each of
said plurality of medicine containers.

21. The system of claim 20 wherein said central processor is a computer
system and said user input means is a conventional computer user input
20 means selected from keyboard, mouse, ball and touch pad.

22. The system of claim 20 wherein comprising:

(d.) means for creating a unique identifier in said central processor for each of said plurality of medicine containers;

(e.) means for wirelessly transmitting said unique identifier to each said microprocessor; and

5 (f.) accessing means for accessing each said unique identifier from each said microprocessor.

23. The system of claim 20 wherein each said microprocessor is attached to at least one of a bottom, a top, a side of each said medicine
10 container.

24. The system of claim 20 wherein said user input means is a microphone and said central processor includes conversion means for converting speech to electronic input

15 25. The system of claim 20 wherein each said medicine container microprocessor includes a first microprocessor capability and a second microprocessor capability, and said first microprocessor capability is adapted to receive medicine use instructions and said second
20 microprocessor capability is adapted to receive medicine product warning information; and

further wherein there are two audio playback start means, a first for said first microprocessor capability, and a second for said second microprocessor capability.

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26. The system of claim 20 wherein each said medicine container includes a cap, and a container cap connection area, and said container cap connection area includes a cap-opening audio playback start means connected to said microprocessor, such that when a cap is opened for a first time, wave file audio playback is initiated.

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